

REMARKS


No claim 6 was submitted and two claims 22 were included in the application as filed. One of the claims 22 has been renumbered as claim 23. Claims 1, 13, 14, 19 and 21 are amended by this Preliminary Amendment. New claims 24 through 41 are added by this Preliminary Amendment.

The changes made to the claims by the current amendment are attached hereto in a page entitled "Version with Markings to Show Changes Made." If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims

Please cancel claims 7 through 12.

Please amend claims 1, 13, 14, 19 and 21 as follows.

1. (Amended) A cable clip with cable segregator comprising:

an outer housing including a first end with an inner portion [edge] and an outer portion [edge], a second end with an inner portion [edge] and an outer portion [edge], and a side with an inner portion [edge] and an outer portion [edge], the inner portions [edges] of the first end, the second end and side defining an open sided space;

a plurality of members extending from the inner portion [edge] of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width;

the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable; and

the outer edges of the first end, the second end and the side including first, second and rear grooves, respectively, for receiving a first edge, a second edge and a rear edge, respectively, of a mounting opening, the first and second grooves having recesses for receiving a tab formed in each of the first and second edges of the mounting opening.

13. (Amended) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall generally perpendicular to the first wall having a first edge, a second edge, a first side and a second side, and being connected along the first edge to rear edge of the first wall;

a third wall generally perpendicular to the second wall having a first edge, a second edge, a first side and a second side, and being connected to the second edge of the second wall along the second edge to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define a channel; and

the front edge of the first wall having a plurality of mounting openings adapted to mount cable clips with segregators to organize and hold telecommunications cables and allow the cables to pass into the channel of the cable riser.

14. (Amended) The cable riser of claim 13, wherein the cable clip with cable segregator comprises:

an outer housing including a first end with an inner portion [edge] and an outer portion [edge], a second end with an inner portion [edge] and an outer portion [edge], and a side with an inner portion [edge] and an outer portion [edge], the inner portions [edges] of the first end, the second end and side defining an open sided space;

a plurality of members extending from the inner portion [edge] of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width;

the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable; and

the outer housing including a trumpet flare to provide bend radius protection for telecommunications cables received in the slots.

19. (Amended) The cable riser of claim 18, wherein the outer portions [edges] of the top, bottom and side have upper, lower and rear grooves, respectively, and the cutouts in a wall have upper, lower and rear edges, the upper, lower and rear grooves receiving the upper, lower and rear edges, respectively, of the cutout, and the upper and lower grooves having recesses for receiving a tab formed in each of the upper and lower edges of the cutout.

21. (Amended) The cable riser of claim 20, wherein the number of cable clips with segregators and the number of cable paths provided by the cable routing clips within the riser are equal.

Two claims 22 were included in the application as filed. Please renumber one of the claims 22 as follows:

23 [22]. (Amended) The method of claim 22 [21], wherein a plurality of cable channels defined by walls of the cable riser are provided within the cable riser, each cable channel having a plurality of generally vertical, horizontally spaced apart cable paths about the channel along the walls defining the channel, each channel having a plurality of vertically spaced apart openings through which cables from the adjacent telecommunications equipment rack enter the cable riser, and each channel independently numbers and designates the openings and paths within that channel.

Please add new claims 24 through 41 as follows:

24. (New) A cable clip comprising:

an outer housing including a first end with an inner portion and an outer portion, a second end with an inner edge and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the first end, the second end and the side defining an open sided space;

the outer portions of the first end, the second end and the side including first, second and rear grooves, respectively, for receiving a first edge, a second edge and a rear edge, respectively, of a mounting opening, the first and second grooves adapted to receive a tab formed in each of the first and second edges of the mounting opening and orient the housing within the mounting opening;

the first end including a gate and the second end including a catch, and the gate hingedly connected at the first end and adapted to releasably engage the catch, the gate covering the open sided space when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

25. (New) The cable clip of claim 24, wherein the outer housing includes a trumpet flare along the inner portions of the first end, the second end and the side to provide bend radius protection to cables received within the open sided space.

26. (New) The cable clip of claim 24, wherein a plurality of members extend from the inner portion of the side into the open space defining a plurality of open ended cable slots within the

open space, the cable slots having a depth and a width, the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable.

27. (New) A cable clip comprising:

an outer housing including a first end with an inner portion and an outer portion, a second end with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the top, bottom and side defining an open sided space;

the outer housing including a trumpet flare to provide bend radius protection for telecommunications cables received in the open sided space;

the first end including a gate and the second end including a catch, and the gate hingedly connected at the first end and adapted to releasably engage the catch, the gate covering the open sided space when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

28. (New) The cable clip of claim 27, wherein a plurality of members extend from the inner portion of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width, the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable.

29. (New) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall having a first edge, a second edge, a first side and a second side, and being connected along the first edge to rear edge of the first wall;

a third wall having a first edge, a second edge, a first side and a second side, and being connected to the second edge of the second wall along the second edge to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define an open sided channel;

a plurality of cable clips;

the front edge of the first wall having a plurality of mounting openings receiving the cable clips to organize and hold telecommunications cables and allow the cables to pass into the channel of the cable riser;

the mounting openings having a top edge, a side edge and a bottom edge, the top and bottom edges each including a tab extending partially into the mounting opening, the tabs being of different sizes and adapted to be received within openings in a top and a bottom, respectively, of one of the cable clip to orient the cable clip within the mounting opening; and

each of the cable clip including a trumpet flare to provide bend radius protection for telecommunications cables received in the open sided space and passing into the open sided channel.

30. (New) The cable riser of claim 29, wherein the open sided channel extends generally vertically and includes a top and a bottom, the channel defining a narrower cross section at the bottom than at the top.

31. (New) The cable riser of claim 29, wherein the cable clip comprises:

an outer housing including a top with an inner portion and an outer portion, bottom with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the top, bottom and side defining an open sided space;

the first end including a gate and the second end including a catch, and the gate hingedly connected at the first end and adapted to releasably engage the catch, the gate covering the open side space when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

32. (New) The cable riser of claim 31, wherein the outer portions of the top, bottom and side have upper, lower and rear grooves, respectively, adapted to receive the top, side and bottom edges, respectively, of the mounting opening, and the upper and lower grooves having recesses for adapted to receive the different sized tabs formed in each of the top and bottom edges, respectively, of the mounting opening.

33. (New) The cable riser of claim 31, wherein a plurality of cable routing clips are mounted to the first side of the first wall, the first side of the second wall and the first side of the third wall within the channel, the clips cooperating to define a plurality of generally vertical cable paths within the channel; and

each of the cables passing through the cable clips in the front edge of the first wall being held within one of the plurality of cables paths inside the riser.

34. (New) The cable riser of claim 33, wherein the number of cable clips and the number of cable paths provided by the cable routing clips within the riser are equal.

35. (New) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall having a first edge, a second edge, a first side and a second side,

and being connected along the first edge to rear edge of the first wall;

a third wall having a first edge, a second edge, a first side and a second side, and

being connected to the second edge of the second wall along the second edge to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define an open sided channel;

the front edge of the first wall having a plurality of mounting openings adapted to receive a cable clip to organize and hold telecommunications cables and allow the cables to pass into the channel of the cable riser; and

the mounting openings having a top edge, a side edge and a bottom edge, the top and bottom edges each including a tab extending partially into the mounting opening, the tabs being of different sizes and adapted to orient the cable clip within the mounting opening.

36. (New) A cable clip with cable segregator comprising:

an outer housing including a first end with an inner portion and an outer portion, a second end with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the first end, the second end and side defining an open sided space;

a plurality of members extending from the inner portion of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width;

the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable; and

the outer portions of the first end, the second end and the side including first, second and rear grooves, respectively, for receiving a first edge, a second edge and a rear edge, respectively, of a mounting opening, the first and second grooves having recesses for receiving a tab formed in each of the first and second edges of the mounting opening.

37. (New) The cable clip of claim 36, wherein the depth of the slots is sized to receive two telecommunications cables in each slot.

38. (New) The cable clip of claim 37, wherein the width of the slots varies from the nominal width along the depth, with a narrower than nominal portion at the open end of the slot, and a plurality of wider than nominal portions along the depth of the slot.

39. (New) The cable clip of claim 38, wherein the number of slots defined within the open space is eight.

40. (New) The cable clip of claim 39, wherein the first end includes a pivot and the second end includes a catch, and a gate engages and rotates about the pivot and is adapted to releasably engage the catch, the gate covering the open end of the slots when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

41. (New) The cable clip of claim 1, the outer portions of the first end, the second end and the side including first, second and rear grooves, respectively, for receiving a first edge, a second edge and a rear edge, respectively, of a mounting opening, the first and second grooves having recesses for receiving a tab formed in each of the first and second edges of the mounting opening.